

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022224\
 Data File : VX040397.D
 Acq On : 22 Feb 2024 13:27
 Operator : JC/MD
 Sample : VX0222WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBL01

Quant Time: Feb 23 00:05:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	76259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	134163	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60143	53.012	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.020%
35) Dibromofluoromethane	5.385	113	44700	47.709	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.420%
50) Toluene-d8	8.647	98	164901	47.051	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.100%
62) 4-Bromofluorobenzene	11.079	95	63861	44.678	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.360%

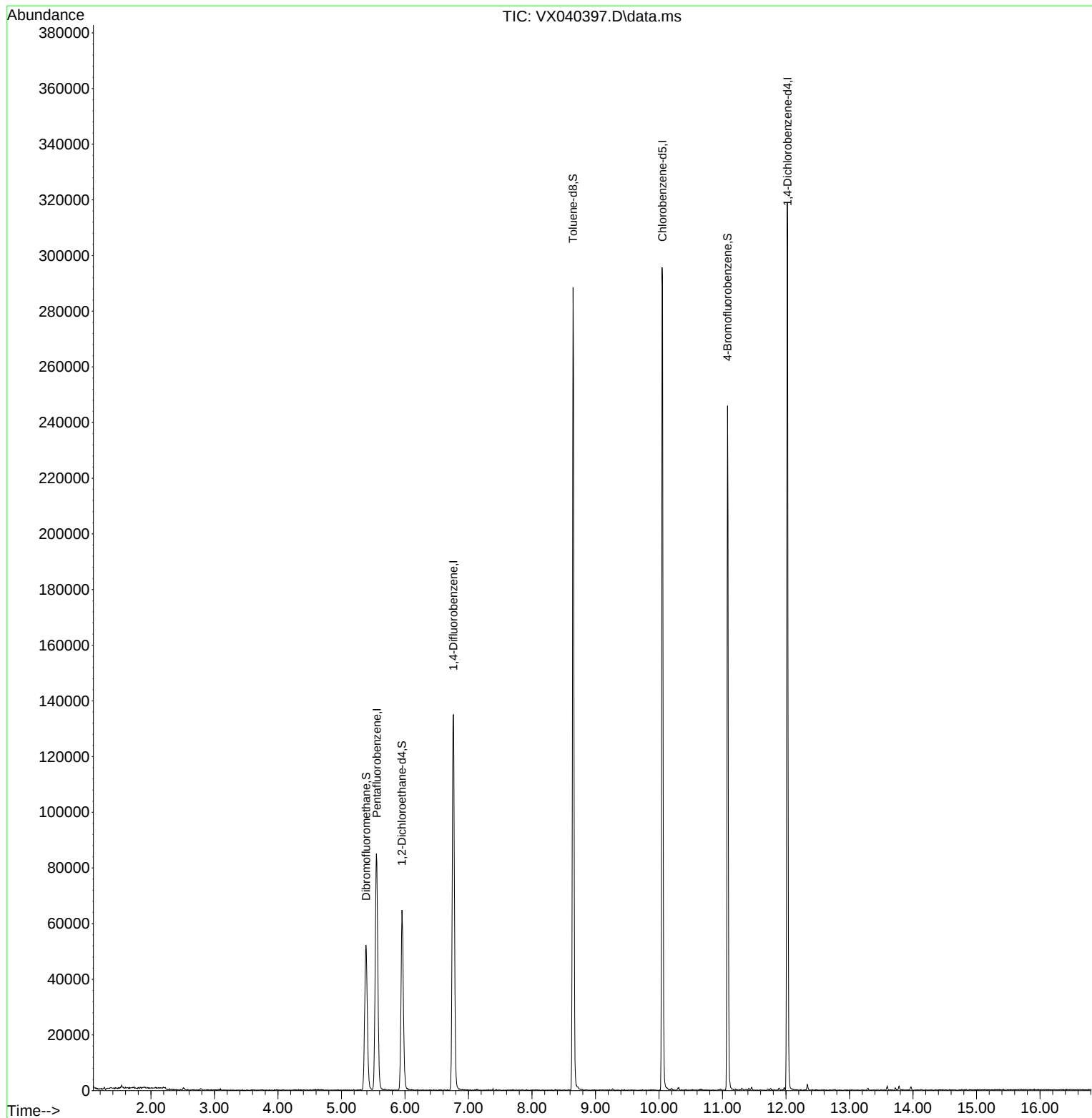
Target Compounds Qvalue

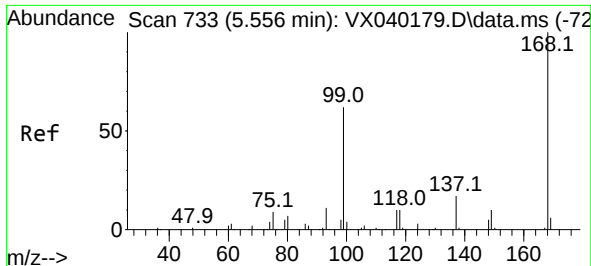
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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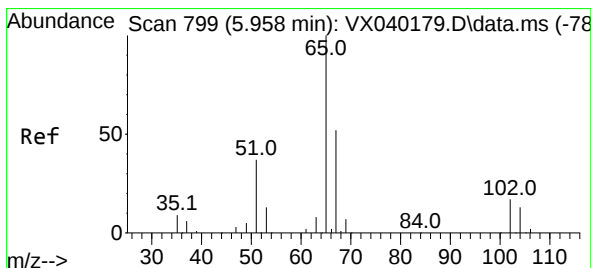
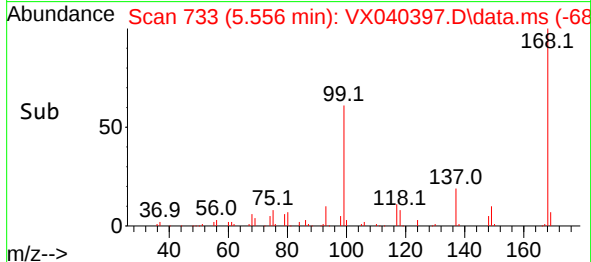
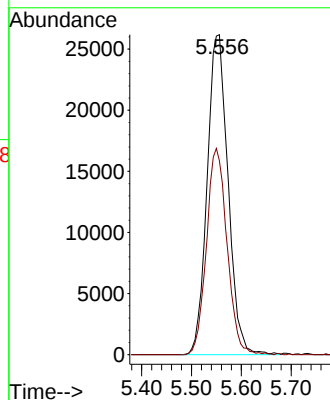
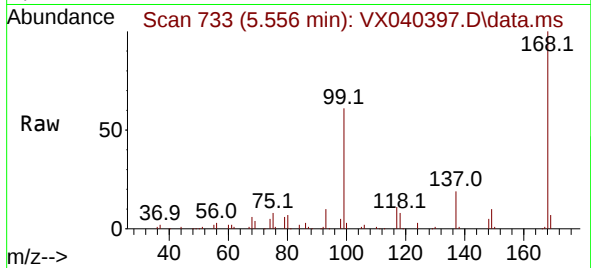




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.006 min
Lab File: VX040397.D
Acq: 22 Feb 2024 13:27

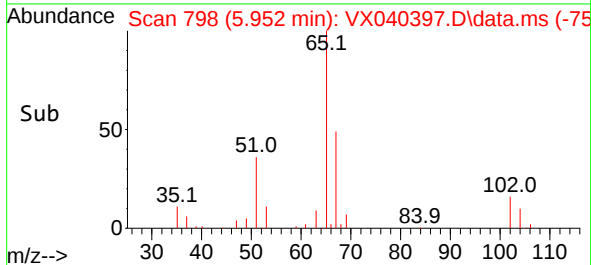
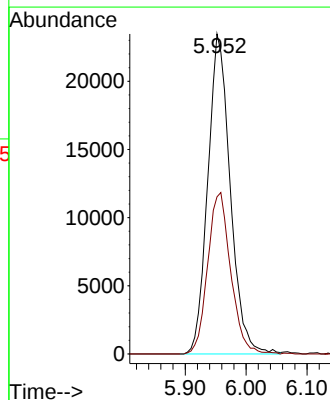
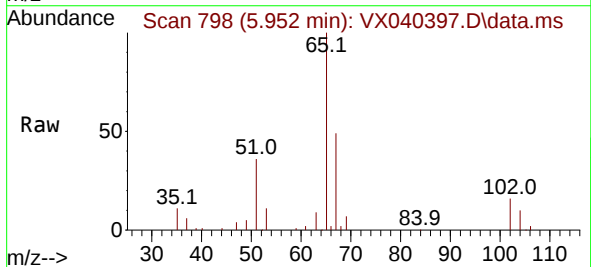
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBL01

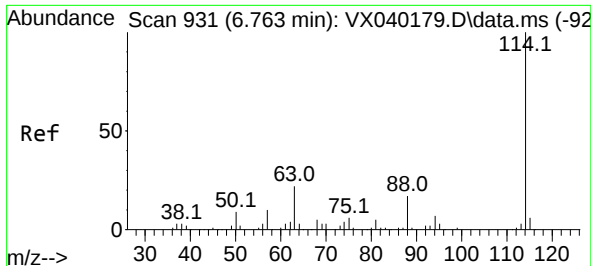
Tgt Ion:168 Resp: 76259
Ion Ratio Lower Upper
168 100
99 60.6 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 53.012 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040397.D
Acq: 22 Feb 2024 13:27

Tgt Ion: 65 Resp: 60143
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

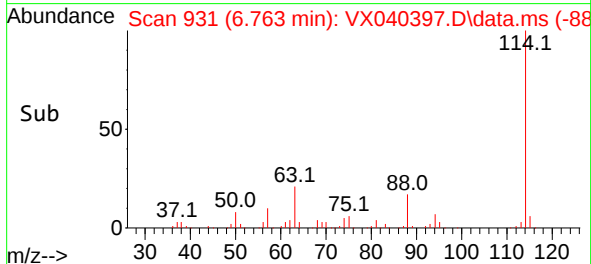
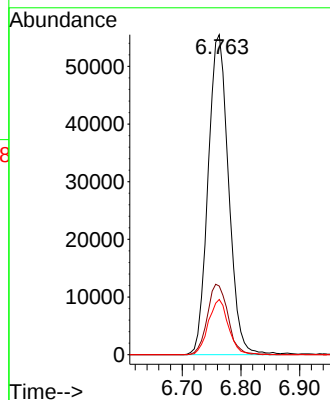
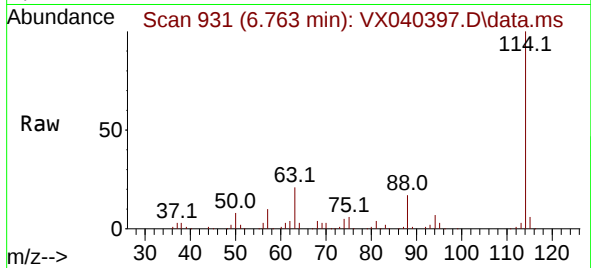




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX040397.D
Acq: 22 Feb 2024 13:27

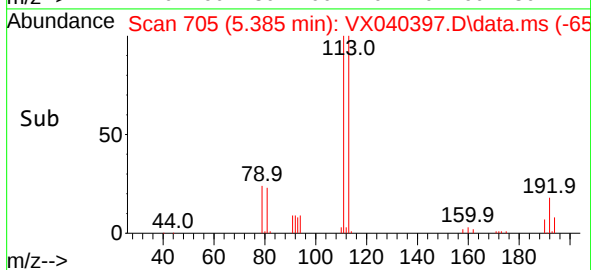
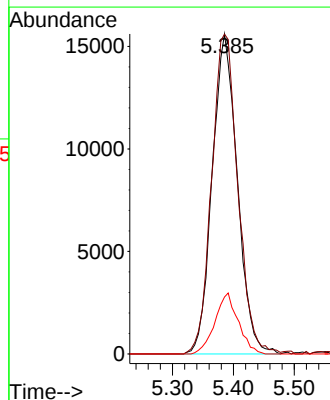
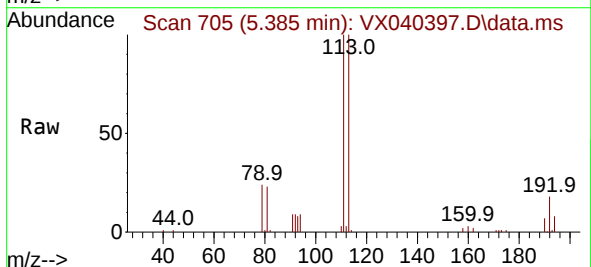
Instrument :
MSVOA_X
ClientSampleId :
VX0222WBL01

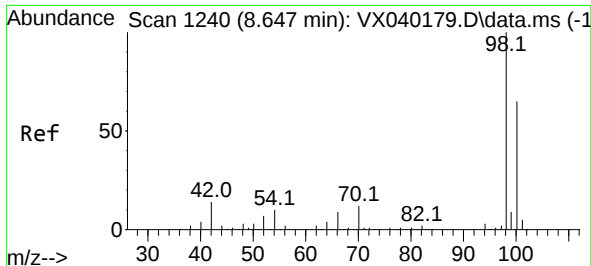
Tgt Ion:114 Resp: 134163
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.0
88 17.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.709 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040397.D
Acq: 22 Feb 2024 13:27

Tgt Ion:113 Resp: 44700
Ion Ratio Lower Upper
113 100
111 104.0 82.9 124.3
192 17.7 13.3 19.9

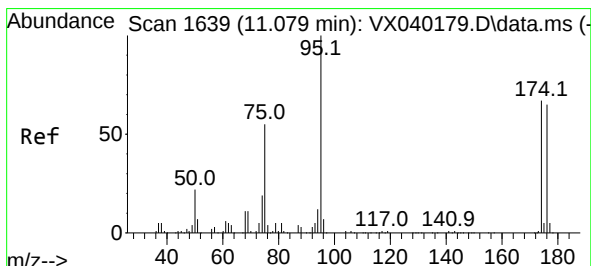
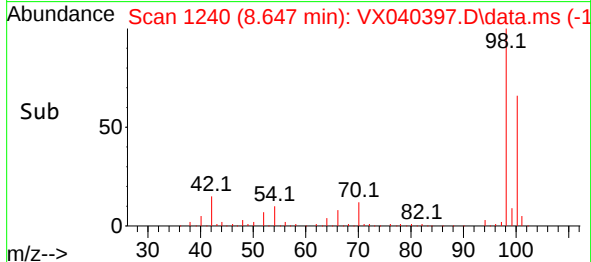
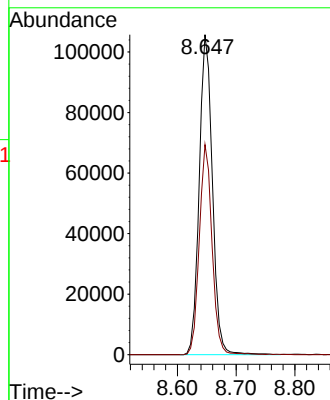
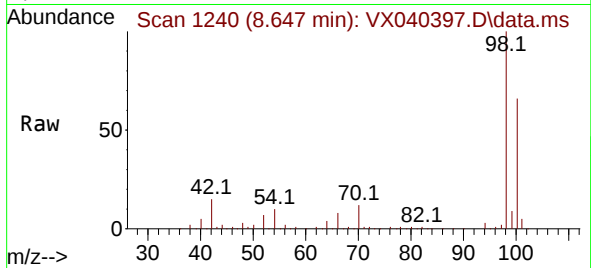




#50
Toluene-d8
Concen: 47.051 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040397.D
Acq: 22 Feb 2024 13:27

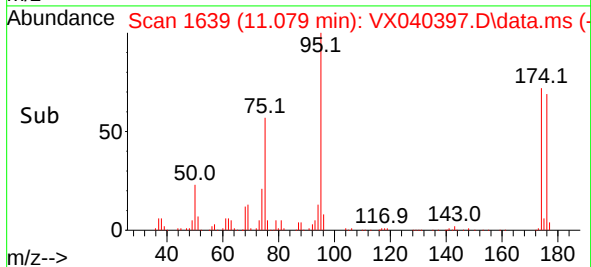
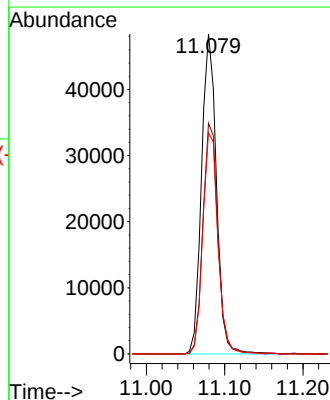
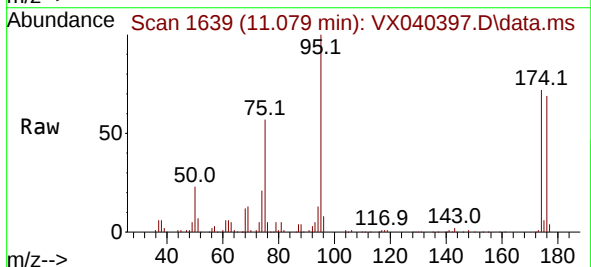
Instrument :
MSVOA_X
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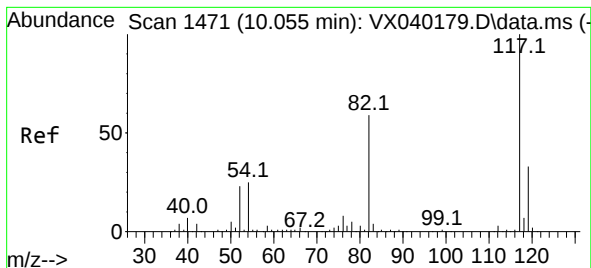
Tgt Ion: 98 Resp: 164901
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.678 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040397.D
Acq: 22 Feb 2024 13:27

Tgt Ion: 95 Resp: 63861
Ion Ratio Lower Upper
95 100
174 72.6 0.0 135.6
176 70.2 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX040397.D

Acq: 22 Feb 2024 13:27

Instrument :

MSVOA_X

ClientSampleId :

VX0222WBL01

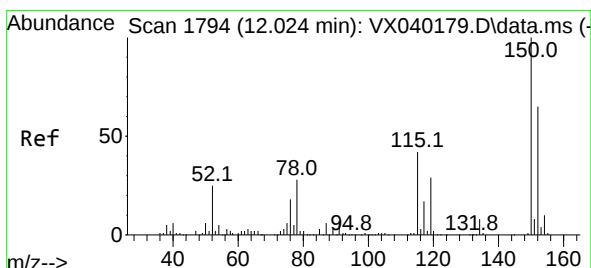
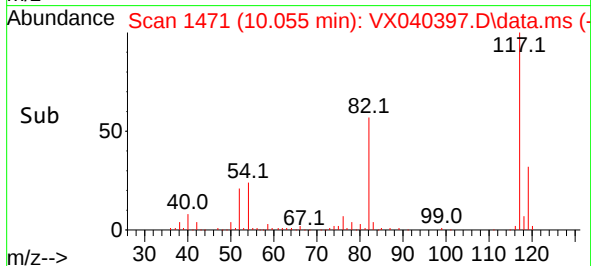
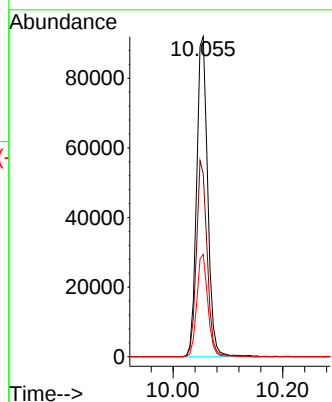
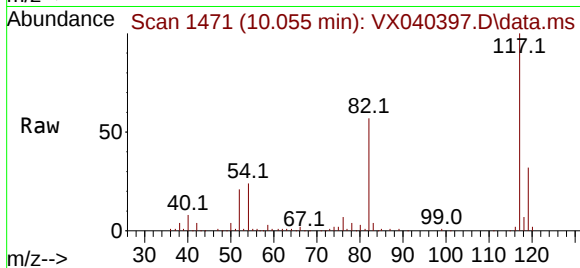
Tgt Ion:117 Resp: 129715

Ion Ratio Lower Upper

117 100

82 57.2 46.2 69.4

119 32.0 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX040397.D

Acq: 22 Feb 2024 13:27

Tgt Ion:152 Resp: 63798

Ion Ratio Lower Upper

152 100

115 60.8 43.3 129.9

150 155.0 0.0 345.0

